BRUHAT BENGALURU MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK : PROVIDING COBBLE STONE WORK AT 5th STAGE, IN FRONT OF NAGARJUNA DEPARTMENT IN WARD NO.02 OF YELAHANKA SUB-DIVISION

						Estimate Cost Rs.	50.00	Lakhs
Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
KSRB 2-1.1 : Earthwork in surface excavation in **ordinary soil** for **levelling and lowering** the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1 (a) / 2.3.1 (P.5/I.2.1)								
5th Phase New town, yelahanka	Cum							
		1	30.00	14.00	0.25	105.00		
		1	17.00	15.00	0.25	63.75		
		1	16.00	16.00	0.25	64.00		
		1	12.00	16.00	0.25	48.00		
		1	26.00	13.00	0.30	101.40		
		1	87.00	15.00	0.30	391.50		
		1	23.00	13.00	0.25	74.75		
						848.40	166.42	**141190.73**
Basic Rate	157.00							
Area Weightage @ 6%	9.42							
Total	**166.42**							
KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregate /sand/kaner/ Moorum KSRRB M100-1 Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications MORTH -100/ Chapter 1 (Page No.133/ Item No 17.1)								
	Cum							
				Qty Vide Item No.1		**848.40**	100.00	**84840.00**
Average Weight of Earth 1.28 Tonne/Km								
Basic Rate Lead Charges for 10.00 Kms (2.50X1.28X10.00)	32.00							
Add loading and unloading Item No 17.1)	68.00							
Total	**100.00**							
KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No.KBS 4.1, 4.2 (P.12/I.4.3)								
5th Phase New town, yelahanka	Cum							

Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
		1	30.00	14.00	0.10	42.00		
		1	17.00	15.00	0.10	25.50		
		1	16.00	16.00	0.10	25.60		
		1	12.00	16.00	0.10	19.20		
		1	26.00	13.00	0.10	33.80		
		1	87.00	15.00	0.10	130.50		
		1	23.00	13.00	0.10	29.90		
						306.50	5159.02	**1581239.63**
Basic Rate	4867.00							
Area Weightage @ 6%	292.02							
Total	**5159.02**							
KSRB 14.6-2 : Providing and laying **heavy duty cobble stones 60 mm** thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. (P No. 101 / Item No. 14.6)								
5th Phase New town, yelahanka	Sqm							
		1	30.00	14.00		420.00		
		1	17.00	15.00		255.00		
		1	16.00	16.00		256.00		
		1	12.00	16.00		192.00		
		1	26.00	13.00		338.00		
		1	87.00	15.00		1305.00		
		1	23.00	13.00		299.00		
						3065.00	966.72	**2962996.80**
Basic Rate	912.00							
Area Weightage @ 6%	54.72							
Total	**966.72**							
5.29(b)Providing and fixing **pre cast solid cement concrete kerb stones** made out of No.272.21 C.C 1:2:4 with top and bottom width 114 and 165mm repectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork curing, including, cost of all materials, labour hire charges of machinery, loading unloading, lead and lift, transportation etc, complete (P.No.25 /It.No.5.30)								
	No							
		1	295.00		298.00 / 0.45	655.56		
					Say	**655.00**	331.78	**217315.90**

Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
Basic Rate	313.00							
Area Weightage @ 6%	18.78							
Total	**331.78**							
KSRB 15-19.2 :Providing and applying **ready mix priming coat** over concrete/masonry/asbestos cement sheet/plastered surfaces including preparing the surface after throughly cleaning of oil,grease,dirt and other foreign matter and sand papering including cost of materials, labour, complete as per specifications. (Page no.121 / It no.15.80)								
	Sqm							
		1	295.00		0.40	118.00		
						118.00	27.56	**3252.08**
Basic Rate	26.00							
Area Weightage @ 6%	1.56							
Total	**27.56**							
KSRB 800-1.Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. (Page No.182 & Item No.24.1)								
	Sqm							
			Qty Vide Item No.6			**118.00**	63.60	**7504.80**
Basic Rate	60.00							
Area Weightage @ 6%	3.60							
Total	**63.60**							
Miscellaneous and unforeseen charges	LS							1660.06
						Grand Total Amount		5000000.00

(Rupees Fifty Lakhs Only)

CERTIFICATE

The work has been inspected and the work is found to be necessary.
The rates adopted are as per PW,P IWTD SR of 2016-17 and data rate of Bangalore Circle.
The provisions were made in this estimate are necessary and adequate.
The area comes under the Bruhat Bengaluru Mahanagara Palike Limits.

Assistant Engineer

Assistant Executive Engineer

Executive Engineer

Administrative Approval

Accorded For 50.00 lakhs only
Head of A/C P-3250
CER NO : 97 Dt: 16/01/2018

E.E, (Project) 16/1

Technical Sanction

Accorded For 50.00 lakhs on
Head of A/C P-3250
CER NO : 551 Dt: 17/01

TA CE (YNK).